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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/590,769	06/08/2007	Heinz-Werner Pfeiffer	10191/4286	2496
26646 7590 06/22/2011 KENYON & KENYON LLP ONE BROADWAY NEW YORK, NY 10004				
			EXAMINER CHOW, YUK	
			ART UNIT 2629	PAPER NUMBER
			MAIL DATE 06/22/2011	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/590,769

**Applicant(s)**

PFEIFFER ET AL.

**Examiner**

YUK CHOW

**Art Unit**

2629

**Period for Reply** -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 11 April 2011.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 7-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 7-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 7-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Toffolo et al (US 5,757,268) in view of Lekutai (US 7,503,001).

As to **claim 7**, Toffolo discloses a method for outputting text information to a driver of a vehicle via a display unit of a driver information system located inside the vehicle, the display unit having a predetermined display capacity, the method comprising:

providing text information (Fig. 7A(62, 74)) to be output to the driver of the vehicle via the display unit of the driver information system located inside the vehicle (see Fig. 1A, display 22 is located inside the vehicle), wherein the text information includes at least one information element, the at least one information element being divided into at least two component fields (Fig. 7A(62, 74) are two fields);

adapting the text information to be output to the driver of the vehicle via the display unit of the driver information located inside the vehicle, depending on the predetermined display capacity of the display unit of the driver information system located inside the vehicle (see Abstract);

However, Toffolo disclosure does not teach information prefix or suffix having a predetermined abbreviated equivalent.

Lekutai discloses a text abbreviation method messaging system wherein teaches the component fields include at least an information body and at least one of an information prefix (Fig. 1D(RST)) and an information suffix (Fig. 1D(NR)) of the information element, and wherein at least one of the information body, information prefix and information suffix having an a predetermined abbreviated equivalent (Fig. 1D(RST) is a abbreviated equivalent of RESTAURANT)

wherein text information outputted on the display unit includes one-of:

a) full representation of the at least one information element if the predetermined display is sufficient for the full representation (Fig. 1C); and

b) the abbreviated equivalent of the at least one of the information body, information prefix and information suffix if predetermined capacity is insufficient for full representation of the at least one information element (see Fig. 1D and Col. 5 line 47-Col. 6 line 9).

Toffolo contains a "base" of process of a vehicle reconfigurable display includes the step of prioritizing information which the claimed invention can be seen as "improvement" in that by displaying an abbreviated equivalent of a message.

Lekutai contains known technique of displaying information in component fields include prefix and suffix in an abbreviated form, which is applicable to the "base" process.

Lekutai's known technique of displaying a abbreviated message would have been recognized by one skill in the art as applicable to the "base" process of Toffolo and results would have been predictable and resulted in readability without using a bigger display area which is an improved process.

Therefore, the claimed subject matter would have been obvious to a person having ordinary skill in the art at the time the invention was made.

As to **claim 8**, Toffolo and Lekutai disclose the method as recited in Claim 7, wherein the text information to be output includes a plurality of information elements, and wherein for each information element, outputting one of:

a) full representation of the information element if the predetermined display is sufficient for the full representation (Lekutai Fig. 1C); and

b) the abbreviated equivalent of the at least one of the information body, information prefix and information suffix if the predetermined capacity is insufficient for full representation of the at least one information element (see Fig. 1D and Col. 5 line 47-Col. 6 line 9).

As to **claim 9**, Toffolo and Lekutai disclose the method as recited in Claim 8, wherein each component of information element is displayed on a separate line of the display unit (See Toffolo Col. 3 lines 18-30).

As to **claim 10**, Toffolo and Lekutai disclose the method as recited in Claim 7, wherein each component of information element has an abbreviated equivalent, and wherein the abbreviated equivalents are output (see Lekutai Fig. 1D(178)).

As to **claim 11**, Toffolo and Lekutai disclose the method as recited in Claim 8, wherein each component of information element has an abbreviated equivalent, and wherein the abbreviated equivalents are output (see Lekutai Fig. 1D(178)).

As to **claim 12**, Toffolo and Lekutai disclose the method as recited in Claim 9, wherein each component of information element has an abbreviated equivalent, and wherein the abbreviated equivalents are output (see Lekutai Fig. 1D(178)).

As to **claim 13**, Toffolo and Lekutai disclose the method as recited in Claim 7, wherein each of the information body, information prefix and information suffix having an abbreviated equivalent, and wherein the text information to be outputted is adapted hierarchically, whereby outputting of full representation the information body is given highest priority (See Toffolo Col. 1 lines 46-58).

Regarding **claim 14**, limitations in this apparatus claim are similar to method claim 1, therefore same rejection applies.

### ***Response to Arguments***

3. Applicant's arguments filed 04/11/2011 have been fully considered but they are not persuasive.

Regarding independent claims 7 and 14, applicant argues that display fields 62 and 74 shown in Fig. 7A of Toffolo are not equivalent to the claimed ***"two component fields"***, wherein the text information includes at least one information element, the at least one information element being divided into at least two component fields."

However, examiner respectfully disagrees. In accordance with MPEP, "USPTO personnel are **to give claims their broadest reasonable interpretation** in light of the supporting disclosure. In re Morris, 127 F.3d 1048, 1054-55, 44 USPQ2d 1023, 1027-28 (Fed Cir. 1997). **Limitations appearing in the specification but not recited in the claim should not be read into the claim.** E-Pass Techs., Inc. v. 3Com Corp., 343 F.3d 1364, 1369, 67 USPQ2d 1947, 1950 (Fed. Cir. 2003)" (MPEP §2106, emphasis added). Since display fields 62 and 74 of Toffolo contains text information and they are located within one instrument display panel 70, it's reasonable to read on claimed invention: **"one information element being divided into at least two component fields".**

Applicant further argues that Fig. 1D(RST)) and (NR) of Lekutai does not teach suggest the claimed **"information prefix"** and **"information suffix"**. Examiner disagrees. Examiner's interpretation of prefix and suffix is based on basic definition of "prefix" and "suffix", according to Merriam Webster dictionary, it simply means to place in front and after of a main body. In the case of Lekutai, RST can be read as prefix of "PINE ST" since it was placed in front of main body information "PINE ST" and NR is a suffix to it.

### ***Conclusion***

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to YUK CHOW whose telephone number is (571)270-1544. The examiner can normally be reached on 8-6 M-TH E.T..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Quan-Zhen Wang can be reached on (571) 272-3114. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Y. C./  
Examiner, Art Unit 2629

/Quan-Zhen Wang/  
Supervisory Patent Examiner, Art Unit 2629